

AMENDMENTS TO THE SPECIFICATION

The following paragraphs from the specification will replace all prior versions of those paragraphs in the application:

1) Please replace paragraph [17] with the following amended paragraph:

[17] In an embodiment, the interface displays data from the wireless communication device. In an embodiment, the wireless communication device is a device communicating use a standard for voice and data transfer between devices without use of cables, such as BLUETOOTH® Bluetooth, a WiFi device, or other wireless communication device. The wireless communication device may be implemented as a wireless headset, for example. The wireless communication device may produce an audio response from the remote system. In an embodiment, the interface is integrated with the wireless communication device. Rather than pass through the interface, in an embodiment the wireless communication device may communicate directly with the remote system. The wireless communication device and the interface may control the remote system in order to perform data acquisition, data retrieval, order entry, dictation, audio playback, voice over IP conferencing, paging, and/or data analysis, for example.

2) Please replace paragraph [20] with the following amended paragraph:

[20] In another embodiment, a method for consolidating the workflow of various devices into a wireless, voice-enabled workflow includes establishing a connection between a wireless, voice-enabled device and a data system using an interface and accessing the data system using voice commands via the connection between the wireless communication device and the data system. Voice commands may be used to facilitate data acquisition, data retrieval, order entry, dictation, audio playback, voice over IP conferencing, paging, and/or data analysis, for example. In an embodiment, a plurality of connections may be established between the wireless, voice-enabled device and a plurality of data systems. Bluetooth BLUETOOTH® technology (e.g., use a standard for voice and data transfer between devices without use of cables) or WiFi wireless technology, for example, may be used to facilitate hands-free hygienic, centralized operation of a plurality of data systems using the wireless, voice-enabled device and the interface.

3) Please replace paragraph [28] with the following amended paragraph:

[28] The interface 120 facilitates wireless communication and provides audio and video output, for example. The interface 120 may be a personal computer, a laptop computer, a tablet computer, a personal digital assistant, a handheld computer, a cellular phone, or other data processing device. The wireless communication device 110 is a wireless, voice-enabled communication device for transmitting spoken word commands, for example. The wireless communication device 110 may be a wireless headset, wireless microphone, wireless radio, or other wireless communication device, for example. An example of a wireless headset is a Bluetooth® BLUETOOTH® technology (e.g., use a standard for voice and data transfer between devices without use of cables), WiFi, or 802.11g wireless headset. Alternatively, the communication device 110 may be an infrared communication device or may be connected by a wire to the interface 120.

4) Please replace paragraph [30] with the following amended paragraph:

[30] BLUETOOTH® Bluetooth®, for example, is a standard for voice and data transfer over a wireless medium. BLUETOOTH® Bluetooth wireless technology enables a variety of devices to be connected without the use of cables and enhances connectivity and information exchange capabilities between devices on a wireless network. The BLUETOOTH® Bluetooth protocol uses a 2.4 GHz frequency band for wireless communication between electronic devices. Data is transmitted between devices via a short-range wireless 2.4 GHz connection rather than a physical cable connecting the devices. Devices may be synchronized to communicate with each other using BLUETOOTH® Bluetooth technology.

5) Please replace paragraph [31] with the following amended paragraph:

[31] BLUETOOTH® technology Bluetooth includes multiple levels of data transfer protocols and data transfer functionality. BLUETOOTH® technology Bluetooth supports a variety of system-level profiles for data transfer, such as an audio/video remote control profile, a cordless telephony profile, an intercom profile, an audio/video distribution profile, a headset profile, a hands-free profile, a file transfer protocol, a file transfer profile, and/or an imaging profile.

Hardware, such as the wireless communication device 110 and the interface 120, is used to support BLUETOOTH® Bluetooth wireless transmission in a personal area network (PAN) or other network.

6) Please replace paragraph [32] with the following amended paragraph:

[32] Voice and speech recognition capability may be integrated with BLUETOOTH® Bluetooth or other wireless communication through software. For example, a computer with a wireless interface card running BLUETOOTH® or other voice and data transfer Bluetooth software and voice recognition software, such as Microsoft Windows XP® or a standalone voice recognition software, may facilitate verbal control of a system.

7) Please replace paragraph [33] with the following amended paragraph:

[33] In an embodiment, the wireless communication device 110 is used to transmit commands and/or data to the remote system 130 via the interface 120. For example, an operator speaks, and the speech is received at the device 110. Alternatively, the communication device 110 may transmit directly to the remote system 130. Audio input from the wireless communication device 110 is transferred via asynchronous and/or synchronous layer communication. A BLUETOOTH® Bluetooth headset profile, for example, may employ asynchronous (ACL) and synchronous (SCO) layers from a generic audio distribution transport protocol to communicate between the interface 120 and the wireless device 110. The ACL layer may be used to manage on/off, volume, and device pairing data, for example, for operation of the communication system 100. The ACL layer has a bandwidth of 1 Mbps, for example, to accommodate higher quality voice or audio data. The SCO layer transmits voice data at a rate of, for example, 64 Kbps. The interface 120 interacts with the wireless communication device 110 and the remote system 130 and transmits audio data between the remote system 130 and the wireless device 110. The wireless communication device 110, the interface 120, and the remote system 130 may communicate up to a range of approximately 10 meters, for example.

8) Please replace paragraph [41] with the following amended paragraph:

[41] For example, a radiologist wears a BLUETOOTH® Bluetooth wireless headset and carries a tablet PC. The radiologist enters a radiology reading room to review or enter image data. A computer in the room recognizes the wireless headset and tablet PC. That is, data is exchanged between the tablet PC and the computer to allow the tablet PC and the computer to synchronize. The radiologist is then able to access the computer via the tablet PC using voice commands at the headset. The radiologist may view, modify, and print images and reports using voice commands via the headset and tablet PC. The wireless headset and tablet PC enable the radiologist to eliminate excess clutter in a radiology workspace by replacing use of a telephone, keyboard, mouse, etc. with the wireless headset and tablet PC. The wireless headset and tablet PC or other similar device may simplify interaction with a plurality of devices and simplify a radiologist's workflow through use of a single interface point.

9) Please replace paragraph [46] with the following amended paragraph:

[46] In operation, a surgeon may speak into the wireless headset 360 to request a patient's medical information. The wireless headset 360 transmits the surgeon's request to the local computer terminal 310. Communication between the wireless headset 360 and the local computer terminal 310 may use wireless communication standards such as the WiFi protocol or the BLUETOOTH® Bluetooth standard. Communication between the wireless headset 360 and the local computer terminal 310 may be facilitated by the interface 370. The local computer terminal 310 processes the request and accesses the remote data storage unit 380 to retrieve the requested data. After the requested data has been retrieved by the local computer terminal 310 from the remote data storage unit 380, the local computer terminal 310 transmits the requested data to an output device within the operating room.

10) Please replace paragraph [51] with the following amended paragraph:

[51] In certain embodiments, spoken words may be converted to text for storage and/or display at a remote system 130. Additionally, text at the remote system 130 may be converted to audio for playback to a user via the wireless communication device 110. For example, a radiologist or other healthcare practitioner may dictate reports without holding a microphone or

other recording device. Using BLUETOOTH® Bluetooth wireless technology, for example, dictation may be facilitated using voice recognition software on the interface 120 or the remote system 130. Alternatively, voice commands may be used to dial a telephony transcription service for remote dictation. Translation software allows dictation as well as playback of reports, lab data, examination notes, and image notes through the wireless communication device 110. Audio data may be review in real-time in stereo sound via the device 110. For example, a digital sound file of a patient heartbeat may be reviewed by a physician remotely through a BLUETOOTH® Bluetooth headset.